



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

\*BIBDATASHEET\*

CONFIRMATION NO. 7395

Bib Data Sheet

SERIAL NUMBER 10/702,046	FILING DATE 11/06/2003  RULE	CLASS 062	GROUP ART UNIT 3744	ATTORNEY DOCKET NO. 038871.52853US
-----------------------------	---------------------------------------	--------------	------------------------	--

## APPLICANTS

Huaiyu Pan, Oxford, UNITED KINGDOM;

Timothy Hughes, Eynsham, UNITED KINGDOM;  
Keith White, Abingdon, UNITED KINGDOM;

\*\* CONTINUING DATA \*\*\*\*\*

\*\* FOREIGN APPLICATIONS \*\*\*\*\*  
UNITED KINGDOM 0226000.8 11/07/2002IF REQUIRED, FOREIGN FILING LICENSE GRANTED  
\*\* 02/03/2004

Foreign Priority claimed ☒ yes ☐ no  
35 USC 119 (a-d) conditions met ☒ yes ☐ no ☐ Met after Allowance  
Verified and Acknowledged *Richard J. King* *RLK*  
Examiner's Signature Initials

STATE OR  
COUNTRY  
UNITED  
KINGDOM

SHEETS  
DRAWING  
11

TOTAL  
CLAIMS  
17

INDEPENDENT  
CLAIMS  
2

## ADDRESS

23911  
CROWELL & MORING LLP  
INTELLECTUAL PROPERTY GROUP  
P.O. BOX 14300  
WASHINGTON, DC  
20044-4300

## TITLE

Pulse tube refrigerator

FILING FEE  
  
RECEIVED  
900

FEES: Authority has been given in Paper  
No. \_\_\_\_\_ to charge/credit DEPOSIT ACCOUNT  
No. \_\_\_\_\_ for following:

☐ All Fees☐ 1.16 Fees ( Filing )☐ 1.17 Fees ( Processing Ext. of  
time )☐ 1.18 Fees ( Issue )